

**INLAND WETLANDS & WATERCOURSES AGENCY
SPECIAL MEETING
MONDAY, AUGUST 10, 2015 – 8:00 P.M.
WOODSTOCK TOWN HALL – LOWER LEVEL, ROOM B**

MINUTES

Present: Chair Mark Parker, Diane Wolff, Wayne (Woody) Durst, Marla Butts, Carl Knittel, Tina Lajoie (IWWA Clerk), Terry Bellman (Wetlands Agent)

Absent: Patty Lacasse

- I. Call to Order** – Meeting was called to order by Chair Mark Parker at 8:09 p.m.
- II. Roll Call** – Diane Wolff, Woody Durst, Mark Parker, Marla Butts, Carl Knittel
- III. Appointment of Alternates** – None
- IV. Action on Minutes of Previous Meeting – July 6, 2015**
MOTION BY M. BUTTS TO ACCEPT THE MINUTES AS PRESENTED, SECONDED BY C. KNITTEL. MOTION CARRIED UNANIMOUSLY.

V. Old Business

1. 06-15-05 Town of Woodstock/Highway, Bungay Hill Road – Drainage repair

Syl Pauley, NECCOG Professional Engineer, is present to represent the Town/Public Works Department. Draft drainage calculations were handed out by S. Pauley, they were not complete. He will prepare the final version to include narrative and engineer's stamp for next meeting. As a recap, work was completed to correct a drainage problem over a year ago by the highway dept. Subsequent to, the Lake Bungree Tax District Board filed a complaint that the work was done in wetland and upland review regulated areas and therefore required a permit and an engineered plan and that there has been negative impacts to the lake. LBTD hired their own engineer to complete a site visit and report of recommendations for remediation. Both engineers have submitted their recommendations over the last year. S. Pauley further comments that by the time he was involved, this damage was no longer evident. His letter in December 2014 addresses each of J. Polulech's recommendations and Pauley agrees that his recommendations are certainly a viable solution however states that an engineer's responsibility should also be to consider the cost to the town which is why he stands by his initial recommendations. With the site conditions currently, grass growing on the side of the road and a berm that is channeling the water flow, it wouldn't make sense to cut down 1,200 to 1,500 square feet of trees and rip up the side slope to install the riprap which would cause additional sediment transport and erosion into the stream.

S. Pauley gives his evaluation of the items noted in Mr. Polulech's report and disputes some of the information contained therein. The sumps should be maintained by the highway department and the depth drives the frequency of the cleaning which many towns do not have the money to do. This may be changing with the state MS4 program coming into effect. S. Pauley did agree with the following: additional double catch basin recommendation (Pauley also recommends placing one across the street in addition). S. Pauley cannot comment on how the drainage system was put in initially but he has visited the site and found no evidence of erosion on side slopes. The drainage report submitted does state the calculations were done based on a 25-year rainfall and this is an error and should be corrected to 10-year. He states that typically these systems are designed for 10-year. Cross culverts, like the ones going across Bungay Hill Road at Bungree Brook, are typically done at 25-year, sometimes 50, depending on the prospect of development upstream. Contributing drainage area at current point of discharge is a little over 20 acres. S. Pauley recommends plunge pool at the end of the pipe that is discharging that would act as a level spreader and help reduce the velocity.

IWWA only has a drawing submitted by J. Navarro with the application and are requesting a drawing from S. Pauley since his recommendations are a little different. The plunge pool design is based on the DOT design guidelines. In conclusion, S. Pauley states the system is working and functioning well in the fact that there appears to be no sediment build up on the road meaning much of the water is being captured in the catch basins. No scouring is visible at the outfall even though the riprap does need to be re-established. Much of this will be eliminated if a plunge pool is put in or a long riprap ditch, whichever is decided. M. Butts questions as to what the cost of construction and engineering for the project would have been. The 25-year frequency would impact catch basin 9, 11, 15 and 17.

Greg Favreau of the LBTB had questions on how S. Pauley's findings were calculated and disputed the data. S. Pauley responded that his job was to analyze what is there. Mr. Favreau was asked to direct his questions to the Chair. There were additional questions on the material used and standards, velocity of flow when it reaches final culvert. Town does not currently have drainage standards for storm sizes.

Questions/comments from J. Polulech: Standards for the town drainage work is recommended. The location for double catch basins was shown. He reports on why the plunge pool is being proposed and how it will improve the sedimentation build-up further down into the creek. Ed D'Orazio, on behalf of the LBTB, Board of Directors and Building & Zoning Chairperson, comments that the residents are upset at the length of time it has taken to come up with workable remediation. He believes the lake is being affected negatively everyday by sediment and pollution due to the current "faulty system" and that the corrective solutions being considered should be based upon very accurate engineering data to ensure the best results with protecting this area from any further damage. He asked IWWA to act on this application the same way they would have if it had been submitted prior to the work being done.

Mr. Bellman, Wetlands Agent, comments that the system there is working much better than what was there prior, and had the town done nothing, which certainly would have been the case if an engineered system would have been required at a cost of \$15,000 to \$20,000, the sediment discharge would have been much greater coming down from Oak Drive and Toutant's property and going directly into the lake without the filtering by the catch basins. T. Bellman states he has seen some pretty heavy storms and it is certainly functioning well and disputes the allegation of there being damage to their lake due to a design flaw. IWWA discusses their options and determines that they cannot act at this time until S. Pauley submits his final complete report and design for their review. Due to time constraints with IWWA issuing their decision, an extension from the applicant must be submitted. As this is a Town of Woodstock project, a letter requesting a total 65-day extension will be provided by the applicant, signed by Allan Walker. **APPLICATION #06-15-05 TO BE TABLED UNTIL SEPTEMBER 14TH REGULAR MEETING.**

VI. New Business

1. 08-15-09 Creative Exteriors, LLC, 167 Laurel Hill Dr. – lake wall reconstruction & stump removal

Tim Tomko of Creative Exteriors, LLC is present on behalf of the property owners, Tom & Nancy Coogan. This lot is waterfront property on Bunggee Lake. Approval was already granted to construct a single family residence. Before the Coogan's purchased the site, it was clear cut by the contractor. Additional perimeter trees were removed that were in poor health and a danger to the future structure. An existing rubble wall, and deck that the owners would like to have removed, remain on site. Photographs show the existing rubble wall. Applicant is proposing rebuilding of wall when the water level drops and is requesting the wall to be extended across the front of the site. Photos also show a sample wall in another town to show what it will look like when complete. Landscaping (mulch bed area) is also proposed on top of the wall that will help to minimize any runoff into the lake, and tree stump removal on stumps close to the water's edge to allow for the extension of the rock wall. The lake wall maximum height will be approximately 30 inches. The stumps will be completely exposed when the water level drops. Silt fencing to be installed in the lake bed. The foundation of the wall will be 1 ½" crushed stone, about 8". All material taken out will be used in landscape area and as backfill. Also to be used is ¾" crushed stone to backfill the wall so it's got good drainage and then a geotextile fabric between the soils and gravel. Mr. D'Orazio asks if any permission granted for this application will grandfather the previous activity by Shane Pollock as the LBTB is considering filing a lawsuit against him for clear cutting this lot without the proper permits. As confirmed by Chair Parker, this new application has no bearing on the previous activity. Application is complete.

MOTION BY D. WOLFF TO ACCEPT APPLICATION 08-15-09 FOR CONSIDERATION, SECONDED BY C. KNITTEL. MOTION CARRIED UNANIMOUSLY.

2. 08-15-11 TFA Farms & Landscaping, 119 Crooked Trail, Ext. – creating beach area

Thomas Andrews of TFA Farms & Landscaping is present on behalf of the property owner, Sharon Kowaleski. T. Bellman, Wetlands Agent, has been out to the site and given a permit/sign-off to build the wall in the upland review area. This application is to remove vegetation and organic soil from the wetlands area when the water is lowered and then spread washed sand over excavated area to create a beach area. Photographs are shown of the area. T. Bellman gives an overview. Excavation will be approximately 12" to 16" of material removal and will be filled in 12" with sand. Vegetation goes up to the water's edge. Area is approximately 55' x 15' and the cove area is not very wide. This project will require about 30 cubic yards of sand. The access to the property is on the side between property lines and the slope is gradual. **MOTION BY M. BUTTS TO ACCEPT APPLICATION #08-15-11 FOR CONSIDERATION, SECONDED BY D. WOLFF. MOTION CARRIED UNANIMOUSLY.**

3. Richard LaFleche, Pole Bridge Road (Map 5709, Block 2, Lot 31) – Timber Harvest (Determination of use as of right)

Richard LaFleche is present. The wetland's crossing shown is on a historic existing road on Bruce Fink's property. He describes the area of proposed activity that is near or in the wetlands. He will stay on the road and winch the trees out. No clear-cutting, only thinning. **MOTION BY M. BUTTS TO APPROVE R. LAFLECHE'S REQUEST FOR TIMBER HARVEST AS A USE PERMITTED AS OF RIGHT, SECONDED BY C. KNITTEL. MOTION CARRIED UNANIMOUSLY.**

4. Lake Bunggee – Application for the Use of Pesticides in State Waters

Notification to Wetlands Agency from State of CT, standard application received yearly. Mr. D'Orazio is present to get the details on behalf of the LBTD. Application is submitted from Aquatic Control Technology for a single year permit for the use of Copper Sulfate and Nautique in the Lake Bunggee waters. Mr. D'Orazio states that he is not aware of the LBTD contracting with this company for any pesticide application in the lake. Mark Francis is the Chair of lake and beaches and was also unaware of any such request. D. Wolff explains that the company will normally apply to the state and then will contact the particular district to move forward with the work. Mr. D'Orazio was given a copy of the application and will follow-up at the next board meeting and with the State of CT.

VII. Wetlands Agent Activity Report

T. Bellman gave the following report:

- **46 Shore Drive – Wetlands Complaint**
Neighbor complained that contractor was digging up water's edge. After Terry's site visit, he took photographs to show the properly installed silt fence along the lake and he determined that the work being done was as approved.
- **294 Senexet Rd – Agent Sign-off**
Disturbance is new foundation under existing structure
- **119 Crooked Trail ext – Agent Sign-off**
Beach work in upland review area
- **Kevin Hicks, Green Rd (Block 5703, Block 10, Lo 30A) – Timber Harvest (sign off).**

VIII. Citizen's comments / other topics

Discussion on a complaint regarding a dam that was constructed and diverting an existing watercourse in Woodstock. Chuck Lee of DEEP initially gave the information to Mark Parker. T. Lajoie returned the phone call and Mr. Lee stated he needed to get the details from a co-worker and would be calling back but never did. Wetlands Agent will investigate before the next meeting.

Bill for legal notice results ad for Norwich bulletin – June 1st meeting. \$78.70. (Chair signed).

Habitat Newsletter – discussion on implementer bill

IX. Adjournment at 10:11 p.m.

MOTION TO ADJOURN BY C. KNITTEL, SECONDED BY D. WOLFF AT 10:11 P.M. MOTION CARRIED UNANIMOUSLY.

Respectfully submitted,

Tina M. Lajoie, IWWA Clerk

Inland Wetlands & Watercourses Agency